

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

RWS&S-NRDWP- 1st SLSSC for 2013-14 - Administrative Sanction for Supervisory Control and Data Acquisition (SCADA) System for CPWS Scheme to Chekriyal in Medak District approved with a cost of Rs.95.00 lakhs - approved during the SLSSC meeting held on 29.07.2013 under **NRDWP-Support fund** with 100% funding by Government of India - Accorded-Orders-Issued.

PANCHAYATI RAJ AND RURAL DEVELOPMENT (RWS. II) DEPARTMENT

G.O.Rt.No. 1623:

Dated:17-10-2013

Read the following:-

Letter No. AEE/DEE(Plg)/SLSSC/2013-14-8, dated 26.08.2013
of ENC, RWS&S, Hyderabad.

ORDER:

The Engineer-in-Chief, Rural Water Supply & Sanitation Department, Hyderabad, in his letter read above has stated that, SCADA (supervisory Control and Data Acquisition) system is proposed to be introduced in the Department on **pilot basis** for the CPWS Scheme of Chekriyal in Medak District to control the head works to tail end habitations. The proposed solution provides flexibility of remotely monitoring and controlling of water distribution parameters over web SCADA and smart devices like ipads. Profile mobility solution delivers a powerful advanced software set that will shift managing operations from a fixed control room chair to managing and operating on the move. Further he has stated that SCADA System for CPWSS of Chekriyal in Medak District costing of Rs.95.00 lakhs is approved by the SLSSC during the meeting held on 29.07.2013, on pilot basis under NRDWP - Support fund, with 100% Government of India Support and requested the Government for issue of administrative sanction orders on implementation of SCADA System on pilot basis for CPWSS of Chekriyal in Medak District costing of Rs.95.00 lakhs under NRDWP - Support Fund, with 100% funding by Government of India.

2. Supervisory Control and Data Acquisition (SCADA) System is a widely distributed computerized system primarily used to remotely control and monitor the condition of field based assets of CPWS Schemes such as wells, pump-stations, treatment plants, valves, service reservoirs and distribution net-work etc.

3. The Government after careful examination of the request of the Engineer-in-Chief, Rural Water Supply & Sanitation Department, Hyderabad, hereby accord administrative sanction orders on implementation of SCADA System on **pilot basis** for CPWSS of Chekriyal in Medak District with costing of **Rs.95.00 (Rupees Ninety Five Lakhs Only)** under NRDWP - Support Fund, with 100% funding by Government of India.

4. The Engineer-in-Chief (RWS) should ensure the following objectives of the SCADA System are achieved while implementing the Pilot Project and report to the government.

- Monitor the system
- Obtain control over the system and ensure that required performance is always achieved.
- Reduce operational staffing levels through automation or by operating a system from a single central location.
- Store data on the behavior of a system and therefore achieve full compliance with mandatory reporting requirements for any regulatory agency.
- Provide information on the performance of the system and establish effective asset management procedures for the system.
- Establish efficient operation of the system by minimizing the need for routine visits to remote sites and potentially reduce power consumption during pumping operations through operational optimization.

- Provide a control system that will enable operating objectives to be set and achieved.
- Provide an alarm system that will allow faults to be diagnosed from a central point, thus allowing field repair trips to be made by suitably qualified staff to correct the given fault condition and to avoid incidents that may be damaging to the environment

5. The Engineer-in-Chief, Rural Water Supply & Sanitation Department, Hyderabad is requested to limit the expenditure to **Rs.95.00 lakhs (Rupees Ninety Five Lakhs only)** and details of all works should be uploaded on IMS "Watersoft" System.

6. The Engineer-in-Chief, Rural Water Supply and Sanitation Department, Hyderabad is requested to scrupulously follow the guidelines of NRDWP and utilize the funds as per financial rules.

7. This Order Issues with the concurrence of Finance (Expr.PR&RD) Department vide their U.O.NO.24137/423/13/Expr.PR, dt.26.09.2013.

8. A copy of this order is available on the internet and can be accessed at the address-
<http://www.ap.gov.in/goir>.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDRAPRADESH)

VIKAS RAJ,
SECRETARY TO GOVERNMENT

To

The Engineer-in-Chief (RWS&S), SRTGN Bhavan, Erraum Manzil Colony, Hyderabad (w.es).

The Accountant General, AP, Hyderabad. (w.es).

The Sr. Dy. Accountant General (LABA),O/o The Account General, A.P., Hyderabad (w.es).

The Superintending Engineers, RWS&S concerned.

Copy to:

The Finance (Expr.PR&RD)Department

The Secretary, Ministry of Drinking Water & Sanitation,8th floor, Paryavaran Bhavan, CGO complex, Lodhi Road, New Delhi-110003. (w.es).

P.S. to M (PR & RWS), (w.es).

P.S. to Secy. RWS&S, (w.es).

SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER